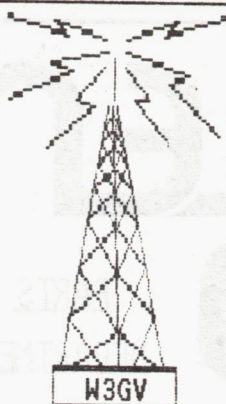


QUARRAE



The Official Journal of The Radio Association of Erie

JANUARY 91

Kevin McKenna, WB3KKT -- Editor

FIRST READING of PROPOSED BY-LAWS

The first reading of the proposed by-laws will take place at the February 7th regular meeting of the Radio Association of Erie at the American Red Cross at 7:30pm. PLEASE TRY TO ATTEND!

RADIO ASSOCIATION OF ERIE
P.O. BOX 844
ERIE, PA. 16512

NON-PROFIT ORGANIZATION
U.S. POSTAGE
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ERIE, PA
PERMIT NO. 266

President	Gary Alberstadt	KA3FZO
Vice-Pres.	Tony Zona	WB3KGT
Secretary	Floyd Titus	WA3LCO
Treasurer	Eric Zierenberg	N3HUM

Directors:
Chmn-

Bob Schwimmer	N3FAW	(1)
John J. Duda	K3ED	(2)
Jerry Strohmeyer	N3GDS	(2)
Richard Waldinger	NI3Q	(1)
Kevin McKenna	WB3KKT	(3)
George Bablak	W3ZQS	(3)
Matt Rizzo	KA3PEJ	(1)

Charles A. Bliley
276 Wildbriar Rd.
Rochester, NY

L K3NAU

14623

WARREN RADIO

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RADIO AMATEUR SOCIETY OF ERIE
P. O. BOX 144
ERIE, PA. 16502

Minutes of the Board of Directors meeting held December 29th.
at the Red Cross building.

Roll Call: Bob Schwimmer N3FAW Chairman
Jerry Strohmeier N3GDS
George Bablak W3ZQS
Kevin McKenna WB3KKT
Dick Waldinger NI3Q

Officers present: Gary Alberstadt KA3FZO President
Floyd Titus WA3LCO
Eric Zierenberg N3HUM

Absent: John Duda K3ED

The Chairman called the meeting to order at 9:08 A.M.

Dick Waldinger motioned that the rent be paid at Villa for the YEAR. George seconded the motion and it carried.

There was discussion about the Argosy radio. Jerry moved that it be sent back to the factory for a quote on refurbishing. George seconded the motion and it carried.

The Board meetings has been held on Tuesdays the week before the business meeting. Jerry moved with Dick seconding, that the meetings continue to be held on Tuesdays as before. The motion carried.

There was discussion about Josie Jacksons tower. Jerry moved that the club have nothing to do with the tower disassembly but accept the tower as a donation after its taken down if so offered. Dick seconded this motion and it also carried.

Jerry will be the chairman of a new Computer Shareware Committee and Matt Rizzo will assist him. There will be a Shareware/Public domain library available and the items will be periodically published in the Qua-Rae. Cost will be approximately one dollar per disk using club disks.

Jerry Strohmeier was elected chairman of the Board. [Congrats Jerry].

Eric discussed a policy for payment of expenses requested by members. It was decided that expense payment must be approved by the President or Chairman of the Board (except for budget items).

The secretary will get mail from the club post office box and will call the president to get it if he can't do so in a reasonable time frame. Both will have box keys.

Copies of sign-in sheets will be provided to the Red Cross.

RADIO AMATEUR SOCIETY

P. O. BOX 144
ERIE, PA. 16512

Matt Rizzo was nominated to fill the vacant position on the board where ex-president would have been. The nomination passed unanimously.

The proposed new by-laws are still being processed by the attorney.

Jerry motioned that the meeting be adjourned at 11:15 A.M. and Kevin seconded the motion. It carried.

Respectfully submitted;

Floyd Titus
Secretary

FOR SALE

Commodore 64 with Sanyo color monitor, disk drive, model 803 printer and PK-64 amtor, rty, packet controller.
- \$500 Call Jerry, N3GDS

FROM THE (new) MEMBERSHIP CHAIRMAN:

WELCOME THESE (36) HAMS TO THE RAE WHO HAVE JOINED in 1991 and WERE NOT MEMBERS IN 1990! (Note the Old-Timers too!!)...

FIRSTNAME	LAST NAME	CALL	FIRSTNAME	LAST NAME	CALL
Jon	Ackerman	N3HWE	Gary	Hanlin	KA3LIT
James W.	Adams	KA3QSG	Bob	Herman	W3IAX
Ken	Bartosek	N4WEP	Kurt	Hermann	N3IPL
Frank N	Bauregger	KV3H	Ray	Keskinen	W8HVK
R. Stanley	Ba ter	W3YWL	Anthony S	Mauriello	KA3WDI
Bob	Beck	WB3BHY	Quentin	Mc Cray	W3AHH
Brad	Beckwith	KA3QWT	Thomas	Pamula	KA3MJN
Bruce	Bernard	WA3EYM	Ralph	Peelman	KB3MI
James	Callahan	K3AFU	Dennis H.	Sharer	KA3WYO
William	Cristea	KA3VRC	Douglas	Smith	N3BDJ
Richard	Cutter	WA3MKT	James	Smith	WA3MTA
Marion	Czajkowski	KA3EZK	Robert	Spiteri	W3IVX
George	Dickey	K3VLP	Michael G.	Tousey	WB3EWI
Richard F.	Durning	WA1YJZ	James	Vieira	W3PJP
John	Dusckas	N3IPI	Franklin	Werren	N2JYG
James	Fitzreiter	K3QHD	Merle Anne	Young	K7YFD
Richard F.	Goff	KA3WXS	Bill	Young	W7RVY
Joseph F	Haas	WA3WQC	Joe	Yusz	W3KKT

So far so good -- we are delighted to have these new or rejoined members. Now, ALL MEMBERS should consider themselves appointed as

---> !!! Committee of the Whole !!! <---

to help get more members. We can be an even stronger club with greater capabilities. All you need do is talk to your Ham friends, tell them you are a member and suggest they join. Application blanks are free! If you let me know and I'll send them an invitation.

Please notify me of call changes, newly licensed hams, corrections to the mailing list, etc.

Bob, N3FAW 866-3027 (AD *76)

PACKET RADIO IN ERIE

by Jim Fitzreiter K3QH0

Welcome to the first of what I hope will be a series of articles about packet operating in the Erie area. I have only been active on packet since September, so I am not an expert, but I see lots of questions that people have about packet operating and hopefully can help to clear up some of them.

First of all, I think everyone knows that you need three pieces of equipment to operate packet on VHF, a VHF transceiver (usually 2 meters), a computer, and a TNC, which is the hardware that connects the computer and the transceiver. Of course there is computer software required also, but that is usually related to the specific TNC that you use.

One of the most common uses of packet is to connect to a local bulletin board, commonly called a BBS. This is where you can read messages sent by other people, send your own messages either to other hams at their local BBS or send NTS type traffic anywhere. This is the place to keep up with the latest happenings in the world of ham radio, by reading the latest news from no-code licensing to ARRL and AMSAT happenings. Our local BBS in the Erie area is NM3G, whose SYSOP (SYSTEM OPERATOR) is Brian. This BBS has two frequencies that it operates on, 145.69 and 145.01. I spend most of my operating time on 145.69, so in this article I will concentrate on operation in the Erie area on 145.69.

There are two new stations available on 145.69. The first is the ERI node. This is a station that you can connect to if you want to then connect to another station, or a station outside of the immediate Erie area. You can use this node to connect to NM3G if you have trouble connecting direct. This station also has good coverage into the Meadville area where their local BBS is K3ASI. There are several other stations in the Meadville area with gateways to other packet frequencies, such as WB3JDI-1, which is the gateway to 145.05, the frequency used in the Cleveland area.

The second new station, available on 145.69, is the K3QH0-9 Converse node. By the way this is the same computer, radio and TNC as ERI. This station is called a converse node because up to 4 stations can be connected at the same time and all stations see all others packets. This is truly a multi-connect packet round table.

Also included in this edition of the QUA-RAE is the latest edition of the LANMAP for the western PA area showing the paths, BBSs, and major nodes in the NWLAN area available on 145.69. Also at the bottom of the LANMAP is a summary of the commands for the various types of nodes.

If you have any suggestions for future topics for articles leave me a message either on NM3G, or on my Personal BBS - K3QH0-2.

UPDATED LANMAP

145.69

THIS IS THE LAN.MAP FOR MAJOR PATHS ON THE NWLAN SYSTEM

```

Erie Co                      WB3DNF-3/N
                             ..... WB3DNF-2 Pbbs
                             :
                             ERI/DN.....
K3QHO/Pbbs.... K3QHO-9 Conv N      NM3G Main BBS in Erie
                             :
                             : +
                             .....: +
                             :+++++++
NWLAN Back up      :+ Crawford Co      .....WB3IWIY-1/>
                             :+ .....: +++
                             :+
KA3OEM-2/Pbbs      W3MIE-1/KN+++++++ = "      KA3SFC/BBS
MDVL/N ..... W3MIE-2/Pbbs CARS===== "      Main BBS in
Meadville          ==NWLAN/D                      Warren
" : " : +
West Crawford Co   " : " : +
145.05 to WB3JDI-1/KN/G " : " : ++++++++
N.E.O      WB3JDI-2/Pbbs      " : " : + Cochranon
          WB3JDI-9/CONV N      " : " : + Main BBS
          " : ..... K3ASI/BBS for NWLAN
Conneaut Lake      " : " : +
          " : " : + Venango Co
N3DZE/2pbbs ..... " : ..... N3BAT/D
N3DZE/3/N          " : " : + Franklin
          ..... " : " : +
Mercer Co Greenville : " : ++++++++
          : " : +
KA3LUN-1/KN ..... : " : Butler Co. Karns City
KA3LUN-2/Pbbs      " : KA3SSC/BBS
          KA3SSC-7/KN/G
          KA3SSC-5/>/G to 145.01 S.W.PA

```

Only primary stations are listed many more use the networks.
 "NO" BBS forwarding Between 16:00 to 00:00 daily on 145.69

£ NEDA Network (USER connects to the N.E. to Central New York & New England)
 > NET Node D= Digi DN= Digicom NODE
 - GATEWAY Paths G= Gateway Digi ??= WEAK PATH
 + Main BBS Paths KN= K-NODE ...= USER PATH
 * Indicates Stations are not on full time

NET NODES, use INFO to get more information on the NODE.
 Commands are: (N)ODES (R)OUTES (U)SERS (I)NFO

K-NODES for INFO connect to the -2 port. The -1 port is the K-NODE.
 Commands are: (N)odes (J)Heard (C)onnect (B)ye (S)tay (H)elp

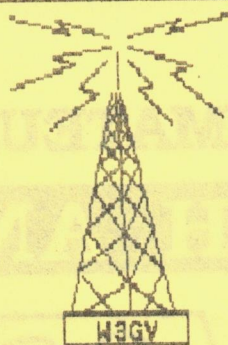
Conv Node Commands: //CONV on, //CS for connect status. //Q to Quit
 Conv Node Commands: //CONV on, //CS for connect status. //Q to Quit DIGICOM
 NODE Commands: (C)onnect (I)nfo (P)ath (M)heard (L)ans (T)erms

Converse NODES are round table stations. 4 stations can be connected and
 all can see the others packets. Truly multiconnect packet Round table.

FROM WB3JDI MEADVILLE PA. Updated 1/1/91

eof

QUARRAE



The Official Journal of The Radio Association of Erie

FEBRUARY 91

Kevin McKenna, WB3KKT -- Editor

RADIO ASSOCIATION OF ERIE
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	John J. Duda	K3ED	(2)
	Jerry Strohneyer	N3GDS	(2)
	Matt Rizzo	KA3PEJ	(1)
	Richard Waldinger	NI3Q	(1)
	Kevin McKenna	WB3KKT	(3)
	George Bablak	W3ZQS	(3)

Charles A. Bliley
276 Wildbriar Rd.
Rochester, NY

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RADIO ASSOCIATION OF ERIE MEMBER LIST 2/16/91

NAME	CALL	PHONE	AD#	ADDRESS	CITY & STATE	ZIP	MEM*
Ackerman, George	N3BFM	814-474-3801		8574 Tannery Rd	Girard , PA	16417	F
Ackerman, Jon	N3HWE	814-474-3801		8574 Tannery Rd	Girard , PA	16417	F
Adams, James W.	KA3OSG	814-664-8140		Rd4 W. Smith St	Corry , PA	16407	F
Alberstadt, Gary	KA3FZO	814-474-3736	92	1901 Dutch Rd.	Fairview , PA	16415	F
Anderson, Harold L.	W3YLI	814-838-2395	42	820 Mcconell Av	Erie , PA	16505	F
Andrews, Howard	KB3NK	814-833-1873	33	2920 Caton Rd.	Erie , PA	16506	F
Bablak, George	W3ZQS	814-838-3391	28	4416 South Colo	Erie , PA	16509	F
Bainbridge, Richard	W3GZO	814-833-7444		3935 Oak Hill D	Erie , PA	16506	F
Barnes, Fred	KC3VD	814-833-3170	50	6155 West Ridge	Erie , PA	16506	L
Bauregger, Frank N	KV3H	814-838-1661		3409 West 43rd	Erie , PA	16506	F
Baxter, R. Stanley	W3YWL	814-774-9792		210 Briarcliff	Lake City , PA	16423	F
Becht, Richard	KA3LDY	814-864-3910		5730 Glenview	Erie , PA	16509	F
Beck, Bob	WB3BHY	814-833-3261	37	3657 West 26th	Erie , PA	16506	F
Beckwith, Brad	KA3QWT	814-864-8443		1719 West 38th	Erie , PA	16508	F
Bernard, Bruce	WA3EYM	814-452-6232		1211 St. Mary D	Erie , PA	16509	F
Berringer, Milton	K3KSB	814-899-9765	145	2014 Saltsman R	Erie , PA	16510	F
Blasco, Richard	KY3D	814-825-2454	95	2236 Delphos Dr	Erie , PA	16509	F
Bliley, Charles A.	K3NAU			276 Wildbriar R	Rochester , NY	14623	L
Bronson, Mark A.	KD2HG	814-868-3183	83	2631 Poplar St.	Erie , PA	16508	L
Brusick, Mike	WB2JQS	814-898-1882	87	4590 E.Lake Rd.	Erie , PA	16511	F
Burns, Dave	KA3QVR	814-694-2525		RD 2	Union City , PA	16438	F
Byrd, Fred	W3UCZ	814-899-7948		3429 Mingo Ave.	Erie , PA	16510	A
Callahan, James	K3AFU	814-922-3182		5250 Colby Dr.	West Sprin , PA	16443	A
Ciano, Joseph	K3IVG	814-866-5121	18	2629 Poplar St.	Erie , PA	16508	L
Coho, Clark	N3DYY	814-899-5681	21	149 Lake Cliff	Erie , PA	16511	F
Cristea, William	KA3VRC	814-725-5364		P.O. Box 411	North East , PA	16428	F
Currie, J.A.	W3PJD	814-838-6059	102	1253 West 12th	Erie , PA	16512	F
Curtze, Charles	WB3BHX	814-833-5120		5050 West 38th	Erie , PA	16506	F
Cutter, Richard	WA3MKT	814-725-9490		11140 East Midd	North East , PA	16428	F
Czajkowski, Len	KA3EYL	814-825-0862	69	827 East Gore R	Erie , PA	16509	F
Czajkowski, Marion	KA3EYL	814-825-0862		827 East Gore R	Erie , PA	16509	F
Dennis, Clifford	VE3ANN	519-586-3444		2092 Culbreath	Brookville , FL	33512	F
Dickey, George	K3VLP	814-833-7082		1632 Woodside D	Erie , PA	16505	F
Dixon, Patrick	WB3IFF	814-899-0887		2926 North St.	Erie , PA	16510	F
Duda, John	K3ED	814-825-8703		4311 Sunset Blv	Erie , PA	16504	F
Durning, Richard F.	WA1YJZ	814-438-3440		RR 3 7950 Rou	Union City , PA	16438	A
Dusckas, John	N3IPI	814-833-1534		1110 Oakmont Av	Erie , PA	16505	F
Dziubkowski, Bob	K3SBU	814-899-2107	49	4004 Cooper Rd.	Erie , PA	16510	F
Dziubkowski, R. Michael	N3GCY	814-827-1581		P.O. Box 22	Titusville , PA	16354	F
Ehrman, Philip B	W3QWL	814-833-6513	103	3645 Lansing Wa	Erie , PA	16506	A
Eller, Don	K3GYD	814-456-3042		317 Harvey	Erie , PA	16511	F
Engel, Kathleen	KA3KFP	814-476-7706	38	153 Englewood I	Englewood , FL	34223	F
Engel, Richard	KA3KFQ	814-476-7706	38	153 Englewood I	Englewood , FL	34223	F
Fagley, Mark	KA3WAL	814-774-4918	88	223 Honeybrook	Girard , PA	16417	F
Ferguson, James A.	KZ3C	814-838-7279	35	1323 Ibis Drive	Englewood , FL	34224	L
Ferguson, Libby	KA3VXP	814-838-7279		1323 Ibis Drive	Elglewood , FL	34224	F
Finn, John J.	KA3TVC	814-838-7770		2111 East 30th	Erie , PA	16510	F
Fitzreiter, James	K3QHO	814-864-2544		8910 Ennis Rd.	Erie , PA	16509	F
Flick, Paul	WA3KAZ	814-833-3336	58	1308 Morrison D	Erie , PA	16505	A
Forbes, Lauchlan	W3STK	814-864-9940	104	1006 South Hill	Erie , PA	16509	F
Fox, Marty	N3EPU	814-922-3675		PO Box 583	Fairview , PA	16415	F
Franczkowski, Anthony T	N3AXK	814-438-2688		Rd4 Rt6	Union City , PA	16438	F
Franke, Bob	K3FKQ	814-838-2440		1209 Asbury Rd.	Erie , PA	16505	F
Frith, Harold	N3BKF	814-725-5862		127 Orchard Bea	North East , PA	16428	F
Froncek, Jim	KA3RDA	814-899-1595		4919 Markwood D	Erie , PA	16510	L
Geer, Bart	W3SN	814-455-7802	106	720 East 32nd S	Erie , PA	16504	L

MEM Column Legend: L-Life, F-Full, A-Associate

NAME	CALL	PHONE	AD#	ADDRESS	CITY & STATE	ZIP	MEM*
Gensheimer, Richard	N3GCP	814-825-4500		2737 East 41st	Erie, PA	16510	F
Goff, R.F.	KA3WXS	814-456-6442		3217 Reed St.	Erie, PA	16504	F
Griesacker, Paul B.	N3FRZ	814-459-1399		1203 West 26th	Erie, PA	16508	F
Gubish, Ed	W3POS	814-825-8823	66	728 East Grandv	Erie, PA	16504	F
Haas, Joseph F	WA3WQC	814-474-3034	108	P.O. Box 141	Erie, PA	16512	F
Hahn, Harry	WA3AWB	708-395-8297		40521 Bald Eagl	Antioch, IL	60002	L
Hall, Mike	WA3HSR	814-899-2708	109	8311 Jordan Rd.	Erie, PA	16510	L
Hanlin, Gary	KA3LIT	814-459-9387		POB 124	Erie, PA	16512	F
Hansen, Wilbur	W3HRF	814-899-4512	110	4392 S. Shore D	Erie, PA	16511	F
Hartman, Bob	KA3PDR	814-899-4684	90	2210 Eastern Av	Erie, PA	16510	F
Hermis, Lewis J	K3VLQ	814-864-2266		919 West Gore R	Erie, PA	16509	A
Hermis, Brian	K3USC	814-866-2585	111	7575 Hamot Rd.	Erie, PA	16509	F
Henderson, David	N3EOY	814-734-4623	25	7820 New Road	Cranesvill, PA	16410	F
Herman, Bob	W3IAX	814-734-5493		10738 Eureka Rd	Edinboro, PA	16412	F
Herman, Larry	W3JTF	814-864-1012	64	3813 Wood St.	Erie, PA	16509	A
Hermann, Richard	KD3RR	814-866-5209		1011 Townhall R	Waterford, PA	16441	F
Hermann, Kurt	N3IPL	814-864-4740		1683 Penelec Pa	Erie, PA	16509	F
Hooper, Bob	WA3OOM	814-866-6516		1033 West 35th	Erie, PA	16508	F
Hughes, William	W3OOU	814-398-2276		Po Box 187	Cambridge, PA	16403	F
Jackson, Bob	KC3BG	814-838-2991	40	629 Young Rd.	Erie, PA	16509	L
Johnson, Larry	WB3BKM	814-825-2248	44	4116 Hoyt	Erie, PA	16510	F
Kaiser, Isabelle	W3KPE			965 West Arling	Erie, PA	16509	L
Kaminski, Henry	KA3WAM	716-252-6614		Box 442	North East, PA	16428	F
Kanis, Chester	KB3P	814-455-1739	15	1142 East 34th	Erie, PA	16504	L
Kelly, Donald L.	KA3QDM	814-455-1191	41	2620 Myrtle St.	Erie, PA	16508	L
Keskinen, Ray	W8HVK	216-593-1544		866 Sandusky St	Conneaut, OH	44030	F
Kidd, Richard	WB3ETW	NONE GIVEN		4304 Greengarde	Erie, PA	16509	L
Kostek, Ed	K3LIG	814-825-2520	36	4332 Gem Court	Erie, PA	16504	F
Kots U S N, Lt. Gary S.	KQ3N			Attention Eye C	F P O San, CA	96652	L
Leuthold, Brian	NM3G	814- -		9680 Perry Hwy.	Waterford, PA	16441	A
Longstreth, William	KA3WDK	814-452-3860	97	612 East 13th S	Erie, PA	16503	F
Mac Ivor, William	W3AQY	814-456-8948	71	215-B Manatee L	Ft Pierce, FL	34982	L
Marshall, Hildi	KA3EZT	814-825-4137	120	6042 Footemill	Erie, PA	16509	F
Mauriello, Anthony S	KA3WDI	814-774-8375		9165 State Rd.	Cranesvill, PA	16410	F
Mazza, Paul	WA3PZQ	814-922-3209		4172 Nye Rd.	West Sprin, PA	16443	F
Mc Clain, Tom	N3HPR	814-833-1640	57	3954 Solar Dr.	Erie, PA	16506	F
Mc Cray, Quentin	W3AHH	814-665-1963		RFD 2	Corry, PA	16407	A
Mc Kenna, Kevin	WB3KKT	814-825-5919	68	1225 East Arlin	Erie, PA	16504	F
Miller, Steve	W3WBT	814-866-1758		1661 Dudley St.	Erie, PA	16509	F
Moser, Clarence	W3RLJ	814-456-6667	121	819 Holland St.	Erie, PA	16501	L
Nehez, Stephen A	NX3I	814-866-0069		833 West Grandv	Erie, PA	16509	F
Nies, Edward	K3ABG	815-825-9605		1975 Gunnison R	Erie, PA	16509	A
Niles, Al	WB3KHK	814-734-1935	32	4731 Old State	McKean, PA	16426	F
Orelski, Mike	N3GKS	814-899-0282	19	2506 East 26th	Erie, PA	16510	F
Osen, Lloyd	WA3PGK	814-899-2003	43	536 Moorheadvil	North East, PA	16428	A
Owen, Ralph	W3TXZ	814-866-0372		1214 West 30th	Erie, PA	16508	F
Pamula, Thomas	KA3MJN	814-864-9106		2017 Crestview	Erie, PA	16509	A
Payer, Andy	W3TLA	814-899-4297	26	412 Cambridge R	Erie, PA	16511	F
Pearo, Joe	WB2ICS	814-774-3976	96	7202 Daggett Rd	Girard, PA	16417	F
Peelman, Ralph	KB3MI			1114 Brewster	Erie, PA	16503	F
Petroff, Eric	KA3WUN	814-833-0830		2512 Border	Erie, PA	16506	F
Ponchak, Joe	KA3CPV	814-833-0825	34	1002 Clifton Rd	Erie, PA	16505	L
Pytlarz, Donald	KA3SRH	814-459-8364	20	1815 East 33rd	Erie, PA	16510	F
Quiggle, Dick	W3NGO	814-899-4756	127	2116 Wagner Ave	Erie, PA	16510	F
Quiggle, Don	WA3UNX	814-899-7142	128	3629 Freemont S	Erie, PA	16510	F
Raup, John	WA3DGL	814-838-3505		2701 Lafayette	Erie, PA	16506	F
Raydo, David	KA3AUH	814-455-2624	30	1741 West 25th	Erie, PA	16502	F

MEM Column Legend: L-Life, F-Full, A-Associate

NAME	CALL	PHONE	AD#	ADDRESS	CITY & STATE	ZIP	MEM*
Rentja, Frank	K3VRM	000-000-0000		4607 Budd Dr.	Erie, PA	16506	F
Reynolds, Richard	W3QMY	814-456-5165	84	1249 West 21st	Erie, PA	16502	A
Rhodes, Don	WB3DNF	814-456-2166	77	153 East 34th S	Erie, PA	16504	L
Rinke, David	KA3UWI	814-459-8777	80	969 East 31st S	Erie, PA	16504	F
Rinn, Mike	WB3IGK	814-825-7461	62	2744 East 43rd	Erie, PA	16510	F
Robinson, Wayne	WA3HJC	814-455-9590	39	12621 Carter Hi	Corry, PA	16407	L
Rogowski, Eugene	KA3EZV	814-456-9736		2414 Pennsylvan	Erie, PA	16503	F
Rossi, Daniel P	KA3JRJ	814-899-0171		2420 Woodlawn A	Erie, PA	16510	F
Schenk, David M	WB3ETX	814-454-7241		625 Liberty St.	Erie, PA	16502	F
Schmitz, Tom	KA3CRC	814-899-1665		3650 Hamilton R	Erie, PA	16510	F
Schultz, Henry	WI3V	814-864-9960		610 Young Rd. A	Erie, PA	16509	F
Schwimmer, Robert	N3FAW	814-866-3027	76	129 East Arling	Erie, PA	16509	F
Seidl, Gerald	KA3VSH	814-454-5619		1033 East 28th	Erie, PA	16504	F
Seppala, Joe	KC3LV	814-474-5061	23	Po Box 76	Fairview, PA	16415	F
Shacklock, Arthur	N3HZC			549 East 11th S	Erie, PA	16503	F
Shakley, Roger	N8AAG	814-825-4030		4111 Longview A	Erie, PA	16510	F
Sharer, Dennis H.	KA3WYO	814-725-9393		11931 Cole Rd.	North East, PA	16428	F
Shreve, Richard J.	W3PIX	814-866-7478	82	355 Anclote Rd	Tarpon Spr, FL	34689	F
Smith, James	WA3MTA			3622 West 10th	Erie, PA	16505	F
Smith, Bill	KA3MAY	814-725-9330	133	21 1/2 Center S	North East, PA	16428	F
Smith, Charles	KA3WDL	814-474-3473		6857 Haskell Dr	Fairview, PA	16415	F
Smith, Douglas	N3BDJ	814-677-6523		Rfd 2 Box 230-A	Seneca, PA	16346	F
Soltys, Gregg	KO3H	814-734-4957	134	7405 Old State	Edinboro, PA	16412	L
Sonowski, Joseph F.	KA3IBD			Rd 3	Saegertown, PA	16433	L
Spinks, Jim	KJ3L	814-825-5791	56	2561 East Grand	Erie, PA	16510	F
Spiteri, Robert	W3IVX	814-453-5119		P O Box 26	Erie, PA	16512	F
Squire, John	K3UPC	816-363-2673		438 East 73rd S	Kansas Cit, MO	64131	L
Staebler, Lloyd	KB3UK	000-000-0000		5416 East Lake	Erie, PA	16511	F
Stager, John	W3ZBF	814-899-5458	48	3906 East Lake	Erie, PA	16511	F
Stork, Jerry	KA3CTF	814-864-2345		532 Wilshire Rd	Erie, PA	16509	F
Strohmeier, Jerry	N3GDS	814-825-2718	93	1133 East Arlin	Erie, PA	16504	F
Szymanowicz, Joe	WA3GJH	814-838-6185	91	8282 Crane Rd.	Cranesvill, PA	16410	F
Tammen, Bill	W9KEP	814-454-5489	151	241 West 7th St	Erie, PA	16501	F
Titus, Floyd	WA3LCO	814-725-3299	46	Po Box 199	Harborcree, PA	16421	F
Tousey, Norman	WB3EZY	814-922-7245		5700 Mc Kee Rd.	Girard, PA	16417	F
Tousey, Michael G.	WB3EWI	814-864-8380		1801 Treetop Dr	Erie, PA	16509	F
Traphagen, Pete	KN3G	814-838-1225	139	6390 West Lake	Erie, PA	16505	F
Van Houten, Bert	W3TPW		59	7563 Silage Cir	Port Charl, FL	33981	F
Vanderhoff, Norma	W3CG	814-665-9124		713 West Church	Corry, PA	16407	F
Vidal, Jonathan	NY3Z	814-456-1539	53	210 East 4th St	Erie, PA	16507	F
Vieira, James	W3PJP	814-454-0803		521 Connecticut	Erie, PA	16505	F
Wade, Merle	KA3DTB	814-454-4634		1120 West 10th	Erie, PA	16502	F
Waldinger, Richard	NI3Q	814-456-4737	98	222 East 35th S	Erie, PA	16504	F
Wallerstein, Edward M.	KA3KOQ	814-833-0084	17	3245 Georgian C	Erie, PA	16506	F
Weaver, Rob	W3WDK	814-476-7906	81	8353 Pondview D	McKean, PA	16426	F
Werren, Franklin	N2JYG			P O Box 429	Sherman, NY	14781	F
Whitney, Ernest	WB3DGD	814-922-3443		6699 Griffey Rd	West Sprin, PA	16443	F
Wilkinson, Ivan	W3RMF	814-725-3161		4390 Station Rd	North East, PA	16428	F
Williamson, Dave	KA3VVM	814-899-6749		2217 Market St.	Erie, PA	16510	F
Woodbridge, W.	WA3ANA	814-899-2018	55	4300 Cooper Rd.	Erie, PA	16510	A
Young, Bill	W7RVY	814-438-2151		11 Prospect St.	Union City, PA	16438	F
Young, Merle Anne	K7YFD	814-438-2151		11 Prospect St.	Union City, PA	16438	F
Yusz, Joe	W3KKT	814-899-7230		2608 Frontenac	Erie, PA	16511	F
Zierenberg, Eric	N3HUM	814-474-2120		2050 Getz Rd.	Fairview, PA	16415	F
Zinzella, Joe	KC3RC	814-833-0867		3701 Cameo Way	Erie, PA	16506	F
Zona, Anthony S	WB3KGT	814-864-4545	22	2485 Dorn Rd	Waterford, PA	16441	F

Total Members Listed: 169

MEM Column Legend: L-Life, F-Full, A-Associate

TO: ORGANIZATION OF CONCERN

FROM: MARK BOUCHER
AMATUER RADIO CALL WB3ELL
4813 LEXINGTON AVE.
ERIE, PA 16509
(814)-864-2125

Hello, I am writing to inform you of a few things.

First, I was just starting my own electronics business, designing new amatuer radios. I wrote the magazine article on the world's first one transistor ham radio transceiver for example.

But, I starting getting symptoms and was diagnosed as having Huntingtons Disease, where my dad shook himself to death and died at age 41. I personnaly had a genetic chance of 50% of getting it myself, but I had a positive attitude about the whole thing and put it out of my mind, so it was a shock to find out that I had a fatal disease and given several years to live. My IQ was still high though, I only missed one question but my physical shaking has increased sharply during the past several months, and I am now forced to use a wheelchair.

Personnly the I think that the idea has that the time is right for a Amatuer Radio New Age Net. I have had a lot of contact with things along these lines for about 20 years. Any thing would be open to discussion.

The frequency I have chosen to start is 7260 Khz LSB plus or minus QRM on the 40 meter band. This net will meet primaraly Saturday starting about noon and running continuously till about midnight eastern standard time. This will be eastern great lakes regional daytime and worldwide at night. But I will be monitoring this frequency while at home and awake. Since I am now home most of the time and frequently awake into the wee hours of morning I will be there most of the time if anyone wishes to contact me. I now spend most of the time sitting in a wheelchair in front of H.F. rig., so I can be contacted at other times.

At any rate thank you for your time, and I would appreciate it if you included this in your publication.

Mark Boucher

PACKET RADIO IN ERIE

by Jim Fitzreiter, K3QHO

Well as many of you who are active on packet already know, a lot of the things that I mentioned last month have changed. So forget about all of the things that I said about 145.69 - we are moving to 145.75. So I guess I should start this month with the warning that all things are subject to change!

The first big change is that we now have a unique frequency for packet operation in the Erie area, and that is 145.75, which has been nicknamed the ERILAN (ERIE Local Area Network). NM3G has moved his BBS port from 145.69 to the new ERILAN frequency of 145.75. Also WB3DWL from Gannon university has moved to the new ERILAN frequency of 145.75.

I think that if you check out the new 145.75 frequency, you will find a nice clear frequency, and the only other stations on this frequency are in the Erie area, so you should see much faster response from the BBS. Also this should be a benefit to the people on the NWLAN frequency of 145.69 in the Meadville area because there should be less traffic on this frequency also.

So if you can change frequency, I would encourage you to check out the 145.75 input to the NM3G BBS and see for yourself what a difference it makes. Of course the 145.01 input to the NM3G will continue to exist, and be available to users, but this frequency tends to have lots of other stations, and BBS forwarding traffic on it, 145.75 is much quieter.

Now you say you have tried to connect to NM3G direct and cannot get a good enough signal, well you should try using either WB3DWL-1 node or the GU digipeater to connect to NM3G. Both of these stations are operated by Gannon University and have a very good connect path to NM3G. The Gannon stations should solve the problem for people in the downtown Erie area, but will probably not be of much help to people living to the east or west of town. I guess until we are able to get more stations available on 145.75 on a 24 hour per day basis, you will have to either use another station as a digipeater, or continue to use 145.01 for now.

OK another topic - Brian, NM3G, has put new software on the BBS. The new software is very similar to the old software, all of the old commands still work, a couple of the answers are different, but you should not have any trouble operating on the BBS with the new software. If you need it, there is still lots of help available on all the BBS commands.

PACKET RADIO IN ERIE, CONTINUED

One new BBS command, however, that is very useful to us Digicom users with Commodore 64 computers is the X command. This command will stop the receive data after a certain number of lines are transmitted and the prompt More? appears. To continue reading just press the enter key and the BBS will stop again after the same number of lines have been sent. People who use an IBM compatible PC and have large buffers where they can scroll back through received data will not need this feature, but Digicom on the Commodore 64 does not have a scroll buffer, and once the data goes off the screen, it is gone forever, so this gives me a chance to read the message before it scrolls off the screen.

Well one final note on just a couple of things available on 145.75. The call of Brian's BBS is NM3G as I am sure that everyone knows, but it also responds to the call ERIBBS, same thing just a different call. Brian also has a node on 145.75, it is NM3G-1 and also responds to the call WTRD. NM3G-2 is a digipeater that will transfer your signal between 145.75 and 145.01 in either direction.

Brian has also asked me to let you know that if you try to connect to NM3G and you do not get a response, he is probably doing file maintenance. In order to do this he must take the BBS off the air for short periods and you will not get any response when he is doing maintenance. So the word from Brian is to try again in 10 to 15 minutes. By the way, when Brian finishes file maintenance, and puts the BBS back on line the first thing it does is send out the beacon, so this will be a signal to you that the BBS is available again. Brian says that he tries to do this maintenance during off peak hours, but sometimes he just cannot delay it and must get it done. So be patient, if you do not get a response, either wait till you see the beacon from NM3G or try again in about 15 minutes.

I did not get any messages as a result of the January article. I would like to hear from some of you out there. If you have any comments, questions, or ideas for a future article, just leave me a message to K3QHO @ NM3G.

Has anyone operated HF packet? I have never been on HF packet. Is HF only used for forwarding from BBS to BBS over longer distances or is operating HF packet different than VHF?

Minutes of R.A.E. Business meeting held on January 3rd. 1991 at the Red Cross building.

The meeting was called to order at 8:01 P.M. by the president. Officers present were: Gary Alberstadt, President, and Floyd Titus, Secretary. There was an excellent presentation about packet radio given before the meeting by Rick, WB3JDI.

It was announced that Jerry Strohmeier is the new Chairman of the Board of Directors. He read the minutes of the board meeting and Kevin moved they be accepted. George seconded Kevin's motion and it carried. There was no treasurers report. It was reported that Matt is trying to get the 1990 books closed out and should be done in February.

Bob Schwimmer is the new membership committee chairman. He reported there were 148 paid members to date. This year we have gained some new members.

Eric Zierenberg will chair the public service committee with the assistance of the officers and board members and will be providing a list of net control stations assigned so one person doesn't have to do all the work. Please help out if you are asked to be a net control.

Norma was absent but had called and said the rent for Villa was usually paid by quarter for the VE exams. She felt it would be ok to pay by the year as was approved at the last meeting. Ron Seyboldt will chair the education committee and reported there will be classes starting on the 28th of January.

By-law committee stayed the same and was to meet after the business meeting. It is expected that the new proposed by-laws will be ready to be read at the next meeting and the following so they can be voted on in April.

The property chairman, Ron Seyboldt, reported all equipment was available except the Argosy.

Matt Rizzo will chair the budget and audit committee and Jerry will assist him. Sunday net manager will be Jerry. He will put together a list of assistants on a schedule.

The advertising chairman will be Bob Schwimmer. Various size ads are available to those who may be interested.

There was no repeater committee report and help was needed there. An incentive program was announced for those who help with public service.

N8AD will be asked to help with education.

Jim asked when the bonds will come due. It was noted we need a report from the Trustees.

Gary read a letter from Charlie Blieley.

The Secretary read a letter from W3PIX.

Ken asked if we had asked the ARRL for contributions for classes at Villa. He then moved that RAE seek some way to reduce costs at the room rental at Villa. Jon seconded and the motion carried unanimously. Dick Waldinger will be asked to write the letter and Dr. Duda will assist him.

Ron mentioned the Novice Net on Wednesdays at 28.330 MHZ. Check in.

Ron won the 50/50.

Bob Suggested we review the equipment the club has and see if it can be reduced, maybe offered to members for sale.

Ken moved that Iuac codes on the 61 repeater be eliminated. Ron Seiboldt seconded the motion. It was amended by Ken to include all IUACs EXCEPT REVERSE PATCH. Ron again seconded. The motion was amended a third time to be on a trial basis for 30 days. Once again Ron seconded the amendment. There were 11 for and no one voiced opposition. The motion for adjournment came from Ken with Jerry seconding and the meeting was adjourned at 21:27

Respectfully submitted, Floyd Titus WA3LCO Secretary

Minutes of the R.A.E. meeting held on February 7, 1991 at the Red Cross building.

Meeting called to order at 7:37 p.m. by President Alberstadt.

All officers and board members except Matt Rizzo were present. The minutes of the last meeting were read and a correction on the trial time for the removal of IUAC's from the phone patch was noted. There was a motion for acceptance from Jerry Strohmeier and Mark Bronson seconded. The motion carried.

Jerry read the Board minutes and Gary moved for acceptance with Tony seconding. They were approved also.

There were no treasurer or membership reports.

Eric Zirenberg gave a report for public service and mentioned several events up-coming. A bike ride and a walk-a-thon. Also, the Hunt and Saddle club will be sponsoring another event. More information will follow.

Repeater committee report was given by Tony Zona. The patch is now star up and pound down. More control ops with 440 MHZ are needed. The committee is looking for a good high location to install some equipment. It was requested that there be a weekly announcement on Wednesdays announcing the Novice Net.

There were no budget or audit reports given.

The printer took care of the mailing of the QUA RAE last month and it was unknown why some members didn't get their mailing.

There was no Ares/Skywarn report.

Eric was appointed by the President to run the Hamfest this year. It will be the same place and date. Chester mentioned that the exams this year need to be indoors at villa. It was discovered that the week of the hamfest is a regularly scheduled exam weekend any way. Gary asked for suggestions for prizes and agreed that prizes should not be cut.

The Arogosy will be available for members use as soon as its service is paid for.

NEW BUSINESS: Dr Stancliff is in town and extended greetings to members.

The proposed by-laws were read by Jerry and Dick Waldinger. There were many corrections made to the reading. There was much discussion about items that members felt should or should not be included. It was questioned if members should be sent a registered letter about the meeting. There was no conclusion regarding this. Dave Henderson asked about the fiscal year as operated now and as proposed in the by-laws.

Gary Alberstadt announced he is leaving Erie for Florida and stated he has enjoyed serving as president and that it is hard to say goodbye.

Tony will be acting president as of this meeting.

The meeting was adjourned at 9:38 p.m.

Respectfully submitted, Floyd Titus WA3LCO Secretary

MEMBERSHIP LIST

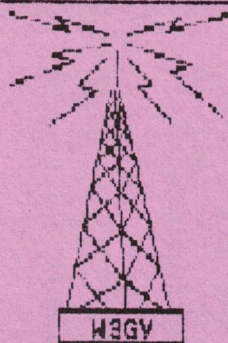
The current membership list is printed here for the sake of obtaining corrections to our computer file.

Please check your listing and call me if there is a change needed. The list reflects data I have as of the date shown in the heading.

The Board of Directors will be considering whether a new directory should be printed as before, or whether this type of listing in the QUARAE is better, especially if updated more frequently. Of course the directory contains all Hams in the area, whereas this type of list would contain only members.

Your comments will be appreciated! Bob, N3FAW: Membership

QUARRAE



The Official Journal of The Radio Association of Erie

MARCH 1991

Kevin McKenna, WB3KNT -- Editor

NEW BY-LAWS APPROVED

Pennsylvania repeater map included in this issue

Radio Association of Erie
P.O. Box 844
Erie, Pa. 16512

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Tony Zona WB3KGT
Floyd Titus WA3LCO
Eric Zierenberg N3HUM

President
Vice President
Secretary
Treasurer

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Jerry Strohmeyer N3GDS
George Bablak W3ZQS
John Duda K3ED
Kevin McKenna WB3KKT
Matt Rizzo KA3PEJ
Robert Schwimmer N3FAW

Chairman (2)
Member (3)
Member (2)
Member (3)
Member (1)
Member (1)

Charles A. Bliley
276 Wildbriar Rd.
Rochester, NY

L K3NAU

14623

RADIO ASSOCIATION OF ERIE, INC.

Post Office Box 844
Erie, Pennsylvania 16512

March 7th, 1991

Jerome Strohmeier - N3GDS
Chairman Of The Board
Radio Association Of Erie Inc.

Dear Jerry:

As you already know I am taking a job out of town and am relocating to the State Of Florida.

This letter is to make my resignation as president of The Radio Association Of Erie Inc. official.

I have enjoyed the good times and the bad and hope that my successor has the support that I had while in office.

Make sure whom ever you (the club) selects is a fighter, someone who will go head to head with membership, officers and board members. Make sure the person that is selected can take the time needed to follow thru with what they start and is not easily bullied into quitting or backing down from what is right or easily made an ass out of.

Make sure that if they are married or attached that their YL or XYL or OM is behind them. If they don't have support at home they will not have the mind to do the job as it needs to be done.

Some people said I was too involved both mentally and physically. Maybe I was but we as a Club came along way in the last couple years, and as a member I don't want to see the club regress.

Remember, as a member I will still be a thorn in the side of the new president and future officers and board members.

A special thank you for all the great times and I hope to keep in touch with all those I have grown to call friend.

73's *[Signature]*

Gary Wm. Alberstadt - KA3FZO

PS-For those who would like to keep in touch here is my new phone number and address : 251 Lakeview Drive
North Fort Myers, Fla. 33917
1-813-731-3045

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RAE BUSINESS MEETING MINUTES
MARCH 3, 1991

The meeting was called to order at 7:33 pm by V.P WB3KGT. All officers and Board members were present but Floyd Titus and Matt Rizzo.

N3GDS gave Directors' report.

N3HUM read the Treasurers' report. Eric just got the checkbook and balance sheet and will study it further. A letter from Bob Jackson was presented as our Trustees' report.

N3HUM gave his public service report (see attached letter).

WB3DOM reported that classes are continuing and that three persons have already passed the 5wpm code test.

KA3FZO has club equipment that must be picked up before he leaves town next week.

KY3D reported that N3HYZ passed the extra exam at the last VE session and that there were seven candidates in total. KA3FZO said he'd heard that the VE teams may be able to keep a portion of the exam fees to cover expenses incurred locally in giving exams.(see attached letter)

WB3KGT gave the repeater committee report (see attached Q&A) also checking on tower climb and insurance costs. A motion by NI3Q/N3GDS that the RAE hire a professional contractor with his own insurance to repair/replace antenna at WQLN passed. Discussion concerning antenna height, location and the possibility of swapping sites with the Digipeater (with permission of digi' group) followed.

NEW BUSINESS:

KA3FZO read his letter of resignation to the group as he is moving out of town.

NI3Q and N3GDS read the proposed by-laws for the second official reading and a motion to adopt by N3HPR/KA3EZV passed unanimously.

50/50 won by KA3EZV.

Motion to adjourn by NI3Q/KY3D at 9:52

submitted by

Kevin T McKenna
-acting secretary

FEES MAKING A COMEBACK??

The proposed FCC budget for fiscal 1992 includes a proposal for a "Revised Fee Collection Program" to generate an additional \$65-71 million during fiscal year 1992. "The total projected revenue will be derived from *new annual user fees* designed to recover non-application processing operational costs incurred by the commission", the proposal reads.

Amateurs were exempted from application processing fees when such fees were enacted by Congress in late 1989 as a part of budget reconciliation.

The proposal made no specific mention of any service, amateur or otherwise, other than to say that the annual fee will be billed to approximately three million licensees and other "users" of Commission services (e.g. cable TV systems). --taken from the ARRL Letter 2/21/91.

Well the Public service season is upon us once again, the R. A. E. has been asked to provide communications for several upcoming event. The order of events is;

1. April 6, Saturday. Tentative schedule for a bike race at the peninsula, I do not have a firm commitment on this event so it may not happen.

2, April 7, Sunday. Multiple Sclerosis Super Cities Walk , this walk begins at the Great Lakes Rehabilitation Center in downtown Erie and goes over 6th st. thru the South Shore area to Pittsburgh Ave. and over 8th & 10th streets back to Great Lakes. A lunch will be served to all participants by Burger King. Total distance 10 miles .

3. June 15th, Saturday. Edinboro Triathalon. This event is swimming, biking and finally a short run thru town. We did this event last year and it was short and painless. Tee Shirts were given out but there was a communication problem , this year I hope that things are worked out in advance sooner.

4. June 15th & 16th. Saturday and Sunday. This event is a bike tour that will go approximately 90 plus miles to Salamanca, N.Y.. Once we are in N.Y. we will camp out with the group or return home if you cannot make the return trip scheduled for the next day. This tour is quite an undertaking and I would appreciate any help in the setup and execution. The destination is a campground so if you are staying all night be sure to bring a sleeping bag and other items you think you may need.

5. ?? Horse Trials. This is also a repeat event and also a fun one. The Trials run for 2 days and some of the animals are really something to see going over the obstacles. Radio operators are supplied a lunch and quite a show. I will try to get the correct date as soon as possible.

These are all the events that I know of so far. Please try to help in any way you can. All those who are willing or able to participate in any or all of these events please contact Eric Zierenberg, N3HUM. over the air or at home. My evening number is 474 2120. Try to let me know if you are available as far in advance as possible, as you can see there are a lot of plans to be put together. Thanks for your time and support.....

Eric Zierenberg, N3HUM

FOR SALE

Two rolls of 1/2" hardline coax (240' and 170')
One 30 meter beam antenna
Call Joe, KA3CPV

Commodore 64 with disk drive and color monitor
AEA PK-88 packet controller
Call Jerry, N3GDS 814-825-2718

ATTENTION NOVICES/OLD TECHS -- The 80 meter CW subband has moved as of March 16, 1991 to 3675-3725 Khz. Save your 3726-3750 rocks for after your upgrade to General.

VE Report

As of January, the testing fee is \$5.25, except for the Novice exam, which is still free. FCC exams are held the first Saturday of each month, at 8 A.M. at Villa Maria College, A'Hearn Hall, Room 107, 2551 W. 12 St., by the Erie VE Team, which is sponsored by the RAE.

Locals who upgraded in January were Edward Kline KA3YKN of Meadville to Technician, Kurt Hermann N3IPL of Waterford to General, Stephen LaBounty KB8KSK of Conneaut to Technician, Andrew Mitchell (no call) of Erie to Technician, Robert Schnick (no call) of Erie to Technician,

Locals who upgraded in February were Paul Niewoehner (no call) of Warren to Technician, John Payer KA3WUM of Spartansburg to Technician, David Williamson KA3VVM of Erie to General, Janet Emerson WD8RXK of Ashtabula to Technician, Susan Kline KA3YKK of Linesville to Technician, Craig^{HILL}/K3PLV of Erie to Amateur Extra, John Dusckas N3IPI of Erie to Advanced, Arthur Shacklock N3HZC of Erie to Advanced, Ben McCracken (no call) of Titusville to Technician, Miranda Platt (no call) of Titusville to Technician, Herbert Elletson N3HYZ of Erie to Advanced and Bradford Phillips N3IBI of Erie to Advanced.

Locals who upgraded in March were Robert Baker KA8HLJ of Ashtabula to General, Herbert Elletson N3HYZ of Erie to Amateur Extra, and the first local to take advantage of the No-Code Technician, Lois Osen of NorthEast.

We had 23 candidates taking exams at the Conneaut Ohio Hamfest, with 10 of these signing up for the No-Code Technician and 2 who passed it.

"Beginning today, we will offer VE Teams a \$4.00 expense reimbursement per test fee. VEs are encouraged to use this test fee reimbursement to further promote your exam opportunities in your community, and to help you offset some of the expenses directly incurred in operating your test session(s). Under FCC Rules, VEs who do retain a portion of the test fee will be required to file a certification before January 15, 1992, attesting to the fact that the expense reimbursements they retained were used to offset direct expenses of operating their testing program, and that those expenses were necessarily and prudently incurred. VEs who do not wish to retain any test fee may continue to forward the \$5.25 test fee directly to the ARRL/VEC."

Many thanks to all who contributed to the Qua-Rae this month;

BART, W3SN
CRAIG, K3PLV
NORMA, W3CG
DICK, NI3Q
GARY, KA3FZO
ERIC, N3HUM
JIM, K3QHO
TONY, WB3KGT

Your input is greatly appreciated,


WB3KKT, Editor

HHF DXing by K3PLV

Well it is evident that the sunspot activity is still at a high level and the HF DXer does not need stacked beams at 200 feet and 1000 watts to be successful. In the last 14 months I have worked 258 countries. Most of these were worked with 100 Watts and an antenna at 33 feet. Listening to the bands it can be seen that DXing, although not for everyone, is still a very popular facet of amateur radio.

Ten meters is still very hot and is open to the Mideast, Europe, Africa, and South America most of the morning and afternoon and opens to the Far East and Pacific in the later afternoon and evening.

Fifteen meters is also good and has propagation similar to ten meters but stays open later in the evening.

Twenty meters is still probably the best all around DX band and is probably never completely closed. It is open to the Pacific early in the morning and then opens to Europe and Africa by midmorning, the Mideast by afternoon and the Far East and the Pacific by late afternoon and evening.

Listed below are some of the stations that I have worked since the beginning of the year along with approximate UJT times and frequencies. I think that you will find these stations easy to find and work. Try it, maybe you might even enjoy it.

A71CD, Qatar - 28.65 @ 13:00 , 21.345 MHz @ 18:00.
OD5SK, Lebanon - 28.45 MHz, 21.250 MHz @ 14:00
7Z1AB, Saudi Arabia - 14.16 MHz @ 20:00.
A41JV, Oman - 28.005 MHz @ 12:00.
A92FL, Bahrain - 14.16 MHz @ 20:00.
EP2HZ, Iran - 14.16 MHz @ 20:00.
9X5NH, Rwanda - 18.11 MHz @ 01:00
ST0DX, Southern Sudan, - 21.33 MHz, 14.256 MHz @
17:00 - 20:00
7X2CR, Algeria - 21.33 MHz @ 20:00
6W6JX, Senegal - 18.07 MHz @ 12:00
3X1SG, Guinea - 14.16 MHz @ 20:00
S92LB, Sao Tome - 21.210 MHz @ 19:00
3B9FR, Rodriguez Is - 21.33 MHz @ 19:00
S79KMB, Seychelles - 21.33 MHz, 14.16 MHz @ 19:00
BV2DA, Taiwan, - 28.005 MHz @ 23:00
HF0POL, South Shetlands - 14.22 MHz @ 03:00
Y88POL, Antarctica - 14.16 MHz @ 02:00
JD1AMA, Ogasawara - 28.56 MHz @ 23:00
VS6BX, Hong Kong - 21.22 MHz @ 23:00
9M8AX, East Malaysia - 28.89 MHz @ 23:30
JX7DFA, Jan Mayen Is - 14.29 MHz @ 01:00

Be on the lookout for Jim Smith, VK9NS. Jim will be operating in Bangladesh (S2) for two weeks beginning March 10. Jim told me the other day that everything is set for the trip.

73 - Craig

FCC rules and W3GV's repeaters

Let's take a look at the FCC's Amateur Radio rules with a focus on control of our repeaters and on automatic telephone patching.

Part 97 — Amateur Radio Service Effective Sept. 1, 1989

Question:

Does a control operator have to be on duty at all times we are operating the W3GV repeaters?

Pertinent sections:

Section 97.205 Repeater station

(d) A repeater may be automatically controlled

Section 97.109 Station control

... Automatic control must cease upon notification by an EIC that the station is transmitting improperly or causing harmful interference to other stations. ...

Section 97.3 Definitions

(34) Repeater. An amateur station that automatically retransmits the signals of other stations.

(6) Automatic control. The use of devices and procedures for control of a station when it is transmitting so that compliance with the FCC Rules is achieved without the control operator being present at a control point.

Question:

In addition to automatic control, how can we control our repeaters?

Pertinent sections:

Section 97.213 Remote control of a station

An amateur station may be remotely controlled where:

(a) There is a radio or wireline control link between the control point and the station sufficient for the control operator to perform his/her duties. If radio, the control link must use an auxiliary station. ...

(b) Provisions are incorporated to limit transmission by the station to a period of no more than 3 minutes in the event of malfunction in the control link.

Section 97.109 Station control

(b) When a station is being remotely controlled, the control operator must be at the control point. Any station may be remotely controlled.

(c) ... When a station is being automatically controlled, the control operator need not be at the control point. ...

Section 97.3 Definitions

(33) Remote control. The use of a control operator who indirectly manipulates the operating adjustments in the station through a control link to achieve compliance with the FCC Rules.

(7) Auxiliary station. An amateur station transmitting communication point-to-point within a system of cooperating amateur stations.

Section 97.201 Auxiliary stations.

(b) An auxiliary station may transmit only on the

1.25 m and shorter wavelength bands ...

Question:

Can a control operator turn off the repeater in the event of misuse or of violation of the FCC Rules?

Pertinent sections:

Section 97.105 Control operator duties

(a) The control operator must ensure the immediate proper operation of the station, regardless of the type of control.

Section 97.205 Repeater station

(e) ... Limiting the use of a repeater to only certain user stations is permissible.

Question:

Why is a control operator necessary during autopatch?

Pertinent sections:

Section 97.103 Station licensee responsibilities

(a) The station licensee is responsible for the proper operation of the station in accordance with the FCC Rules. When the control operator is a different amateur operator than the station licensee, both persons are equally responsible for proper operations of the station.

Section 97.109 Station control

No station may be automatically controlled while transmitting third-party traffic, except a station retransmitting digital packet radio communications. ...

Section 97.3 Definitions

(38) Third party communications. A message from the control operator (first party) of an amateur station to another amateur station control operator (second party) on behalf of another person (third party).

Question:

If the autopatch can't be up without a control operator on duty, why is the emergency autodial always up?

Pertinent sections:

Section 97.101 General standards

(c) At all times and on all frequencies, each control operator must give priority to stations providing emergency communications. ...

Section 97.405 Station in distress

(a) No provision of these rules prevents the use by an amateur station in distress of any means at its disposal to attract attention, make known its condition and location, and obtain assistance.

(b) No provision of these rules prevents the use by a station, in the exceptional circumstances described in paragraph (a), of any means of radio communications at its disposal to assist a station in distress.

Compiled by:

Tony Zona, WB3KGT

Vice president / Repeater committee chairman

PACKET RADIO IN ERIE

by Jim Fitzreiter, K3QH0

Well things seem to be settling down on 145.75, the ERILAN frequency. I hear more and more stations on there all the time, but the frequency is still relatively quiet compared to 145.01. If for some reason you have trouble making it into NM3G or any other station that you want to connect to on .75, you may want to try using some of the stations as either nodes or digipeaters that are on 24 hours a day. Some of the stations that I know about that are available 24 hours are WB3DWL, which is the Gannon University club station; W3IAG, who is located south of Erie in Summit township; WB3DNF, who is in the southern part of the city of Erie; and my station, K3QH0, located near the TV towers south of interstate 90 off Peach street. For people who are located in the downtown Erie area the Gannon station covers the area very well, and it has a very good path to NM3G. If you have other problems or questions concerning packet please leave me a message either on my BBS, K3QH0-2, or on NM3G and I will see if I can help.

Another neat feature that Brian, NM3G, has made available for us is his gateway between 145.75 and 145.01. If you connect to NM3G-1 from either .01 or .75 you can connect to stations on either frequency. regardless of which frequency you connect on, if you want to connect to someone on .75 issue the command C1 followed by the call of the station you want to connect to, or if you want to connect to someone on .01 the command is c0 then the call of the station you want to connect to. Remember C0 for 145.01, and C1 for 145.75. Remember also, that NM3G will occasionally be unavailable for short periods of time because of maintenance being done to the BBS. If you cannot get connected, try again in a while.

I am still looking for ideas for articles. I am starting to run a little thin on ideas, so how about sending me a packet message and let me know any ideas that you have?